

## Abstract

## METHOD FOR KERNEL SELECTION FOR IMAGE INTERPOLATION

A method and apparatus for determining edge information for image data comprising a mapping of discrete sample values are disclosed. An edge strength value is calculated for each of the discrete sample values of the image data to identify edge sample values, and an angle of orientation is stored for each of said edge sample values. The edge sample values and the stored angle of orientation for each of said discrete sample values are manipulated using a morphological process.

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